

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION  
English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COMPUTER ANIMATION GENERATOR

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as

Application Serial No.

and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent of inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed.

<u>P07-348403</u> (Number)	<u>Japan</u> (Country)	<u>18/12/1995</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>P08-273064</u> (Number)	<u>Japan</u> (Country)	<u>24/09/1996</u> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>                    </u> (Number)	<u>                    </u> (Country)	<u>                    </u> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
1	1/1/1964	patented
2	1/1/1964	patented
3	1/1/1964	patented
4	1/1/1964	patented
5	1/1/1964	patented
6	1/1/1964	patented
7	1/1/1964	patented
8	1/1/1964	patented
9	1/1/1964	patented
10	1/1/1964	patented
11	1/1/1964	patented
12	1/1/1964	patented
13	1/1/1964	patented
14	1/1/1964	patented
15	1/1/1964	patented
16	1/1/1964	patented
17	1/1/1964	patented
18	1/1/1964	patented
19	1/1/1964	patented
20	1/1/1964	patented
21	1/1/1964	patented
22	1/1/1964	patented
23	1/1/1964	patented
24	1/1/1964	patented
25	1/1/1964	patented
26	1/1/1964	patented
27	1/1/1964	patented
28	1/1/1964	patented
29	1/1/1964	patented
30	1/1/1964	patented
31	1/1/1964	patented
32	1/1/1964	patented
33	1/1/1964	patented
34	1/1/1964	patented
35	1/1/1964	patented
36	1/1/1964	patented
37	1/1/1964	patented
38	1/1/1964	patented
39	1/1/1964	patented
40	1/1/1964	patented
41	1/1/1964	patented
42	1/1/1964	patented
43	1/1/1964	patented
44	1/1/1964	patented
45	1/1/1964	patented
46	1/1/1964	patented
47	1/1/1964	patented
48	1/1/1964	patented
49	1/1/1964	patented
50	1/1/1964	patented
51	1/1/1964	patented
52	1/1/1964	patented
53	1/1/1964	patented
54	1/1/1964	patented
55	1/1/1964	patented
56	1/1/1964	patented
57	1/1/1964	patented
58	1/1/1964	patented
59	1/1/1964	patented
60	1/1/1964	patented
61	1/1/1964	patented
62	1/1/1964	patented
63	1/1/1964	patented
64	1/1/1964	patented
65	1/1/1964	patented
66	1/1/1964	patented
67	1/1/1964	patented
68	1/1/1964	patented
69	1/1/1964	patented
70	1/1/1964	patented
71	1/1/1964	patented
72	1/1/1964	patented
73	1/1/1964	patented
74	1/1/1964	patented
75	1/1/1964	patented
76	1/1/1964	patented
77	1/1/1964	patented
78	1/1/1964	patented
79	1/1/1964	patented
80	1/1/1964	patented
81	1/1/1964	patented
82	1/1/1964	patented
83	1/1/1964	patented
84	1/1/1964	patented
85	1/1/1964	patented
86	1/1/1964	patented
87	1/1/1964	patented
88	1/1/1964	patented
89	1/1/1964	patented
90	1/1/1964	patented
91	1/1/1964	patented
92	1/1/1964	patented
93	1/1/1964	patented
94	1/1/1964	patented
95	1/1/1964	patented
96	1/1/1964	patented
97	1/1/1964	patented
98	1/1/1964	patented
99	1/1/1964	patented
100	1/1/1964	patented

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	_____ <u>(Status)</u> (patented, pending, abandoned)
---------------------------------	----------------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Richard Linn, Registration No. 25,144, Ronald P. Kananen, Registration No. 24,104 and Jeffrey L. Thompson, Registration No. 37,025.

Send Correspondence to:

Ronald P. Kananen  
MARKS & MURASE L.L.P.  
Suite 750  
2001 L Street, N.W.  
Washington, D.C. 20036

Direct telephone calls to:

Ronald P. Kananen  
(202) 955-4900

Full name of sole or FIRST inventor	JUNJI HORIKAWA	
Inventor's signature	<i>Junji Horikawa</i>	November 6, 1996 Date
Residence	TOKYO, JAPAN	
Citizenship	JAPANESE	
Post Office Address	c/o SONY-KIHARA RESEARCH CENTER INC. 1-14-10, HIGASHI GOTANDA SHINAGAWA-KU, TOKYO, JAPAN	
Full name of SECOND joint inventor	TAKASHI TOTSUKA	
Second Inventor's signature	<i>Takashi Totsuka</i>	Nov 7, 96 Date
Residence	CHIBA, JAPAN	
Citizenship	JAPANESE	
Post Office Address	c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN	

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Patent Application for

U.S. Patent No. 6,396,952 issued May 28, 2002

Reissue No. (Unassigned)

Attn: Application Branch

Inventors: Junji Horikawa et al

For: COMPUTER ANIMATION GENERATOR

**ASSOCIATE POWER OF ATTORNEY**

Please recognize the following as having Associate Power of Attorney in this case:

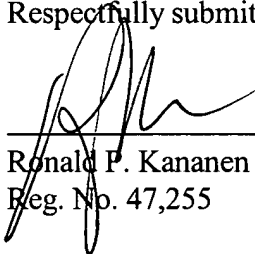
Ronald P. Kananen, Reg. No. 24,104, Michael R. Bascobert, Reg. No. 44,525, Brian K. Dutton, Reg. No. 47,255, Robert S. Green, Reg. No. 41,800, David T. Nikaido, Reg. No. 22,663, Alexander D. Rabinovich, Reg. No. 37,425, Ralph T. Rader, Reg. No. 28,772, Peter J. Rashid, Reg. No. 39,464, Carl Schaukowich, Reg. No. 29,211, Michael B. Stewart, Reg. No. 36,018, Shawn B. Cage, Reg. No. 51,522, and Lee Cheng, Reg. No. 40,949

of: Rader, Fishman & Grauer PLLC  
Suite 501  
1233 20<sup>th</sup> St., NW  
Washington, DC 20036

Please continue to direct all communication to the undersigned at the below address.

Respectfully submitted,

Dated: February 19, 2004

  
\_\_\_\_\_  
Ronald P. Kananen  
Reg. No. 47,255

Rader, Fishman & Grauer PLLC  
Suite 501  
1233 20<sup>TH</sup> Street, N.W.  
Washington, D.C. 20036  
Telephone: (202) 955-3750  
Customer No. 23353

596p 1067 0502

SON-1648/CON/REISSUE

REISSUE APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application for )  
U.S. Patent No. 6,396,952 issued May 28, 2002 )  
Inventors: JUNJI HORIKAWA ET AL. )  
Reissue No. (Unassigned) ) Attn: Applications Branch  
Title: COMPUTER ANIMATION GENERATOR )

**REISSUE APPLICATION DECLARATION BY THE INVENTORS**

Commissioner for Patents  
Mail Stop REISSUE  
Box 1450  
Alexandria, VA 22313

Sir:

As a below named inventor, I hereby declare that:

1. My residence, post office address and citizenship are stated below next to my name.
2. I believe I am an original, first and joint inventor of the subject matter which is described and claimed in U.S. Patent No. 6,396,952 ("the '952 patent), granted May 28, 2002, and for which a reissue patent is sought on the invention entitled "COMPUTER ANIMATION GENERATOR," the specification and claims of which are attached hereto, as amended by the Preliminary Amendment being filed herewith.
3. I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

5. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b), of Japanese Patent Application No. P07-348403 filed on December 18, 1995. I further state that no foreign applications for patent or inventor's certificate were filed having a filing date before that of the above-identified application on which priority is claimed.

6. I verily believe the original patent to be wholly or partly inoperative or invalid by reason of the patentee claiming more or less than he had the right to claim in the patent.

7. At least one error upon which reissue is based is described as follows: The claims of the '952 patent are narrower than what was required to patentably distinguish the Applicants' invention from the prior art. Specifically, the limitations of "degree of importance of" and "unnecessary line segment" were not necessary to distinguish the Applicants' invention from the prior art. As a result, the Applicants claimed less than they had a right to claim in the '952 patent. To correct this error, new claim 305 has been added which does not limit the evaluation parameter or the necessity of the line segment.

8. Another error upon which reissue is based is described as follows: The '952 patent was issued with claims drawn to methods of approximating an image (claims 1 to 76 and 105 to 155), claims drawn to apparatus that approximates an image (claims 77 to 104 and 156 to 215), and claims drawn to a medium for storing image data (claims 216 to 304). However, the '952 patent was not issued with any claims drawn to a method for creating data. The failure to include such claims resulted in the Applicants claiming less than they had a right to claim in the

'952 patent. To correct this error, new claim 307 has been added which recites a method for creating data using the process steps recited in claim 305.

9. Another error upon which reissue is based is described as follows: The claims of the '952 patent do not adequately claim the refinement feature of the invention. Specifically, the claims do not claim a method in which a model finer than the approximated image is formed by using stored data relating to the integrated vertices. As a result, the Applicants claimed less than they had a right to claim in the '952 patent. To correct this error, new claims 306, 308 and 310 have been added which recite, among other things, the additional method steps of using the stored data for forming a model finer than the approximated image.

10. All errors corrected in this reissue application arose without any deceptive intention on the part of the applicants.

11. As a named inventor, I hereby appoint the practitioners associated with Customer No. 23353 to prosecute this application and transact all business in the U.S. Patent & Trademark Office connected therewith.

12. All communications about this application should be directed to Customer No. 23353 as follows:

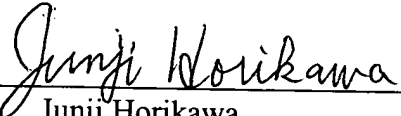
**Ronald P. Kananen, Esq.**  
RADER, FISHMAN & GRAUER PLLC  
1233 20th Street, N.W., Suite 501  
Washington, D.C. 20036  
Telephone: (202) 955-3750  
Facsimile: (202) 955-3751

13. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that

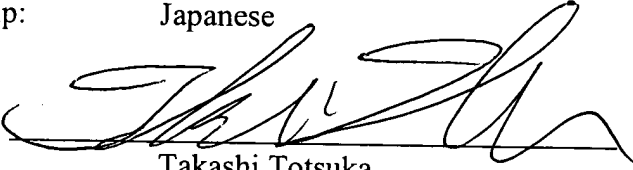
Docket No. SON-1648/CON/REISSUE  
Serial No. (Unassigned)

REISSUE APPLICATION

these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Signature:   
Name: Junji Horikawa  
Residence: Tokyo, Japan  
Post Office Address: c/o Sony Corporation  
Osaki East Technology Center  
Gate City Osaki 1-11-1 Osaki  
Shinagawa-ku, Tokyo  
141-0032 Japan  
Citizenship: Japanese

Date: February 6, 2004

Signature:   
Name: Takashi Totsuka  
Residence: Chiba, Japan  
Post Office Address: c/o Sony Corporation  
Osaki East Technology Center  
Gate City Osaki 1-11-1 Osaki  
Shinagawa-ku, Tokyo  
141-0032 Japan  
Citizenship: Japanese

Date: Feb 9, 2004

596p1067US02

SON-1648/CON/REISSUE

REISSUE APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application for )  
U.S. Patent No. 6,396,952 issued May 28, 2002 )  
Inventors: JUNJI HORIKAWA ET AL. )  
Reissue No. (Unassigned) ) Attn: Applications Branch  
Title: COMPUTER ANIMATION GENERATOR )

**CONSENT OF ASSIGNEE AND  
OFFER TO SURRENDER PATENT**

Commissioner for Patents  
Mail Stop REISSUE  
Box 1450  
Alexandria, VA 22313

Sir:

This is part of the application for a reissue patent based on the original patent issued to Junji Horikawa et al. on May 28, 2002, as U.S. Patent No. 6,396,952 B1, for an invention titled "COMPUTER ANIMATION GENERATOR."

Sony Corporation of Tokyo, Japan, is the assignee of the entire interest in the original patent. A certificate under 37 CFR 3.73(b) is attached.

The undersigned is authorized to act on behalf of the assignee, and hereby offers to surrender the original patent.

The undersigned, on behalf of the assignee, also consents to the filing of the present application for the reissue of U.S. Patent No. 6,396,952 B1.

The undersigned hereby declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be



Docket No. SON-1648/CON/REISSUE  
Serial No. (Unassigned)

REISSUE APPLICATION

true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

SONY CORPORATION

Date: January 28, 2004

By: 

Name: Manager Koichi Wada  
Title: Intellectual Property Division

596p1067US02

SON-1648/CON/REISSUE

REISSUE APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application for )  
U.S. Patent No. 6,396,952 issued May 28, 2002 )  
Inventors: JUNJI HORIKAWA ET AL. )  
Reissue No. (Unassigned) ) Attn: Applications Branch  
Title: COMPUTER ANIMATION GENERATOR )

**STATEMENT UNDER 37 CFR 3.73(b)**

Commissioner for Patents  
Mail Stop REISSUE  
Box 1450  
Alexandria, VA 22313

Sir:

Sony Corporation, a corporation of Tokyo, Japan, states that it is the assignee of the entire right, title, and interest in U.S. Patent No. 6,396,952 B1, which issued on May 28, 2002, for an invention titled "COMPUTER ANIMATION GENERATOR."

Sony Corporation is the assignee of said patent by virtue of an assignment from the inventors of the patent, which was recorded in the U.S. Patent & Trademark Office at Reel 8317, Frame 0571.

The undersigned, whose title is supplied below, is empowered to sign this statement on behalf of the assignee.

SONY CORPORATION

Date: January 28, 2004

By: Koichi Wada  
Name: Koichi Wada  
Title: Manager

Intellectual Property Division